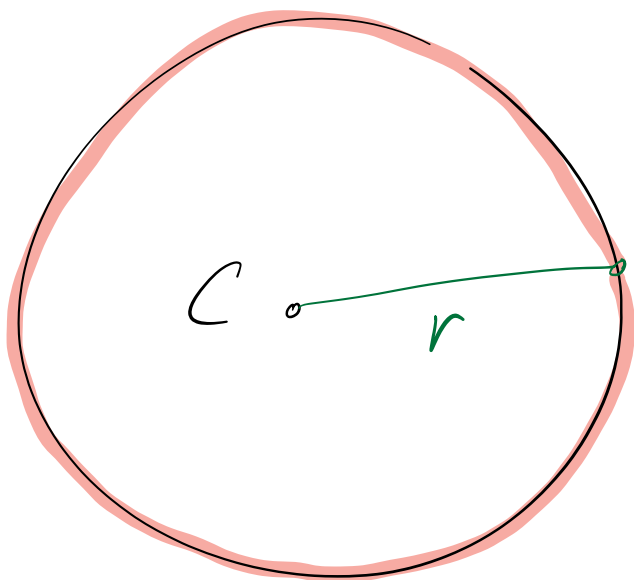


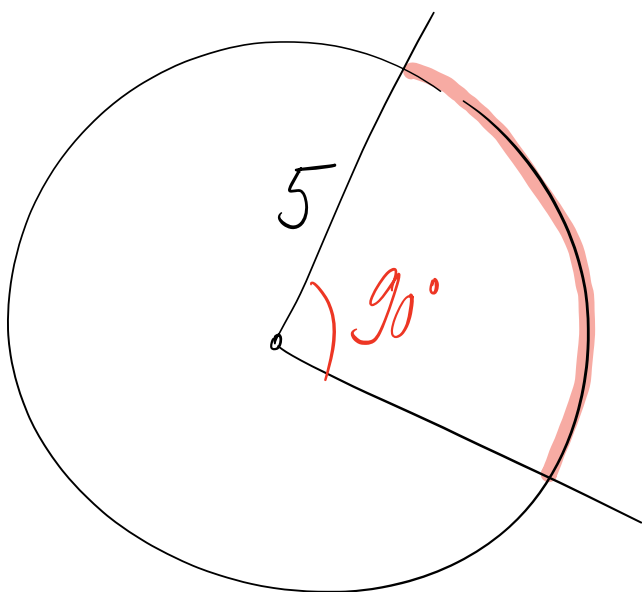
1.2.2 ∂^1 1.2.5

1.2.7



$2 \cdot \pi \cdot r$ ← longueur

πr^2 ← surface

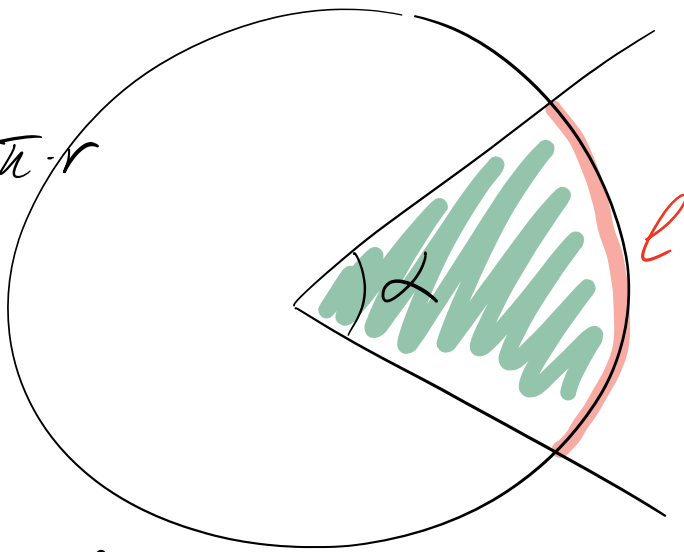


$$\frac{2\pi \cdot 5}{4}$$

↗

$$\frac{90^\circ}{360^\circ} = \frac{1}{4}$$

$$l = \frac{\alpha}{360^\circ} \cdot 2\pi \cdot r$$



$$\frac{\alpha}{360^\circ} = \frac{l}{2\pi \cdot r}$$

$$S = \frac{\alpha \cdot \pi \cdot r^2}{360^\circ}$$

$$\frac{\alpha}{360^\circ} = \frac{S}{\pi r^2}$$

EX0 1

$$\frac{43}{360} = \frac{l}{2\pi \cdot 4}$$

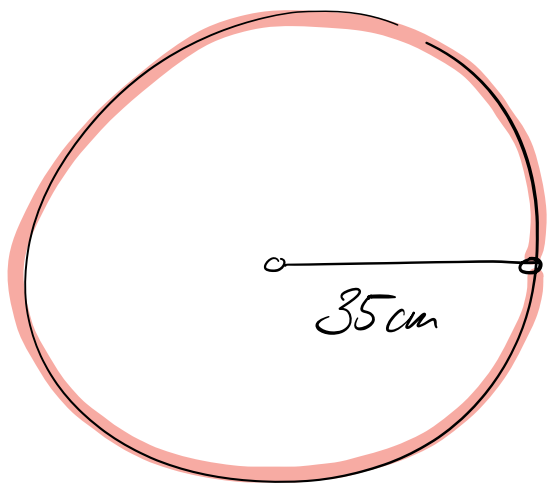
$$l = \frac{43 \cdot 2\pi \cdot 4}{360} \approx 3 \text{ v}$$

$$S = \frac{43 \cdot \pi \cdot 4^2}{360} \approx 6 \text{ v}^2$$

EX0 2

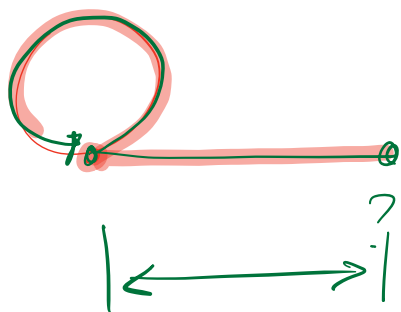
$$l = \frac{63 \cdot 2 \cdot \pi \cdot 11}{360} \approx 12,1 \text{ v}$$

$$S = \frac{63 \cdot \pi \cdot 11^2}{360} \approx 66,5 \text{ v}^2$$



72 km/h

? tours/min



$$72 \text{ km/h} = 72000 \text{ m/h}$$

$$= 7200000 \text{ cm/h}$$

$$= \frac{7200000}{60} \text{ cm/min}$$

$$= 120000 \text{ cm/min}$$